

Clean Version of All Pending Claims

14. (Amended) A method for illuminating tissue, comprising:
 - a) providing a light device comprising a flash lamp;
 - b) inserting the light device inside a body near tissue to be illuminated;
 - c) energizing the light device to generate high intensity ultraviolet light; and
 - d) illuminating the tissue by applying the generated light to the tissue.
15. The method of claim 14 wherein illuminating the tissue comprises ablating a mucosal lining of an esophagus.
16. The method of claim 14 wherein illuminating the tissue comprises ablating a mucosal lining of a throat.
17. The method of claim 14 wherein illuminating the tissue comprises ablating a mucosal lining of an intestine.
18. The method of claim 14 wherein illuminating the tissue comprises ablating a mucosal lining of a colon.
19. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of a uterus.
20. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of a urethra.
21. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of a bladder.

22. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of an organ.

23. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of a duct.

24. The method of claim 14 wherein illuminating the tissue comprises ablating an endothelial lining of a vessel.

25. The method of claim 14 further comprising disposing the light device at a distal end of an interventional device and inserting the interventional device inside a body near tissue to be illuminated.

26. The method of claim 25 further comprising transporting a fluid to the light device to dissipate heat generated by the light device.

27. The method of claim 14 further comprising characterizing the tissue by transporting a dye to the tissue to stain the tissue and wherein illuminating the tissue comprises ablating the tissue using light absorbed by the stained tissue.

28. The method of claim 14 further comprising introducing a drug near the tissue and activating the drug through illumination.

29. The method of claim 25 wherein the interventional device comprises an expandable balloon enclosing the light device.

30. The method of claim 29, further comprising transporting a fluid to the balloon to dissipate heat generated by the light device.

31. The method of claim 14, further comprising disposing a lens comprising a lenticular pattern in a pathway of the light generated by the flash lamp.

32. The method of claim 31 wherein the lenticular pattern comprises a fresnel pattern.

33. The method of claim 14, further comprising stepping up the voltage of a power supplied to the flash lamp.

34. (New) The method of claim 33 wherein stepping up the voltage comprises connecting the flash lamp to a transformer.

35. (New) The method of claim 33 wherein stepping up the voltage comprises using a separate lead connected to a foil disposed adjacent the flash lamp.

36. (New) The method of claim 33 wherein stepping up the voltage comprises depositing a layer of metalization adjacent the flash lamp.

37. (New) The method of claim 14 further comprising redirecting some of the light generated by the flash lamp.

38. (New) The method of claim 37 wherein redirecting some of the light comprises using a reflector.

39. (New) The method of claim 14 further comprising filtering the light generated by the flash lamp.